

Maher Athar Ilyas

Undergraduate Computer Science Student

Automation/Scripting || Full-Stack Web || Android App Developer

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EDUCATION

B.Sc. Computer Engineering

Bilkent University, Ankara, Turkey

Expected Graduation - 2024

CGPA 3.71

- High Honor International Student with Full Merit Scholarship.
- **Relevant Courses:** Algorithms and Programming I & II (**Java**) , Fundamental Structures of Computer Science I & II (**C++**) , Digital Design (**System-Verilog**), Computer Organization (**Assembly**), Calculus I & II , Discrete and Combinational Mathematics.

WORK EXPERIENCE

Automation and Scripting Expert for Binance, Kucoin, Telegram and Discord - *Freelancing*

Sep 2021 - present

Fiverr

Online / Remote

- Designed and deployed **40+ cryptocurrency trading-bots for 25+ clients** as desktop or console applications for PC and VPS.
- **Back-tested** trading strategies involving TA-indicators on past candle data and provided **PNL reports and optimization plans**.
- Deployed, maintained, and updated trading/scraping bots for **commercial distribution** for small-scale start-ups.
- **Integrated Python APIs** of Binance.com, Binance.us, Kucoin and Telegram in scripts and bots.
- Utilized websockets, requests, threading and JSON for **web-scraping data** from Discord and Coinmarketcap.
- Accomplished Level 1 seller status within the opening month of service and maintained a **5/5 customer review score**.

Graphic Designer and Social Media Manager - *Part-Time*

Jan 2018 - Aug 2020

AL-HUDA Educational Institute

Lahore, Pakistan

- Illustrated **72 workbooks** & school magazines for primary classes on **CorelDraw**.
- Designed flyers, posters and video-advertisements for school events and **marketing campaign**.
- Commenced and executed social media marketing campaign, obtaining **2.1k+ followers** on Facebook and **10k+ Subscribers** on YouTube.

PROJECTS

■ Habinet : Social Media of Productivity - *Java, JDBC, MySQL, Swing, Database Management*

A gamified habit tracking desktop application with integrated social media features such as groups, group chat, leaderboards, past trends/habits visualizing graphs and to-do list, implemented with a server hosted database.

■ Personal Website - *HTML, CSS, Bootstrap, JavaScript, PHP, Git, Github Pages*

An online mobile-friendly and responsive resume website, styled and animated using CSS, Bootstrap and Javascript with a contact me form implemented using PHP. The website is hosted on Github Pages and updated using Git. (atherrrrr.github.io)

■ Simplified 32-bit Programmable Processor - *SystemVerilog, Vivado*

A five instruction processor implemented for Basys-3 FPGA board using simplified datapath and controller.

■ Smart-Music Player App for Android - *Java, XML, Android Studio*

An android application with an animated UI design using XML and Java that plays .mp3 music files and groups music files using the user's past preferences to play later using the user's current mood selections.

■ Cryptocurrency Trading Bot for Binance & Kucoin - *Python, API Integration, JSON, websockets, requests, TA-Indicators*

Python bot with integrated APIs of Binance, Kucoin, and Telegram that requests live market data, executes trade orders, and sends notifications on Telegram account after preliminary calculations of multiple TA-indicators and candle patterns.

TECHNICAL SKILLS



LEADERSHIP

- Board Member for Organization team at Bilkent United Club - **Bilkent University** Sep 2021 - Present
- House Captain for Student Council - **Beaconhouse ALJT** Aug 2019 - May 2020
- Teaching Assistant for Physics and Computer Science (A-Level) - **Beaconhouse ALJT** Oct 2018 - Jan 2020
- Table Tennis Event Director for Annual Sports Olympiad - **Beaconhouse CSBC & ALJT** Dec 2017 - Dec 2019